

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 4    | gas adj3 (sens\$4 or detect\$4) near5 filament near5 (nickel or nickel adj3 alloy) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/01 12:39 |
| L2    | 5    | gas adj3 (sens\$4 or detect\$4) near5 filament same (nickel or nickel adj3 alloy)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/01 12:39 |
| L3    | 0    | ("2194520").URPN.  | USPAT  | OR               | ON      | 2007/10/01 12:39 |
| L4    | 0    | ("2194520").URPN.  | USPAT  | OR               | ON      | 2007/10/01 12:39 |
| L5    | 18   | (filament or ribbon) same gas adj3 (sens\$4 or detect\$4) same (nickel or alloy)   | USPAT  | OR               | ON      | 2007/10/01 12:39 |
| L6    | 3    | "11147400"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/01 12:39 |
| L7    | 53   | 340/995.28   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/01 12:39 |
| L8    | 657  | 340/993  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/01 12:39 |
| L9    | 0    | 340/995.8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/01 12:39 |

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|-----|-----|--|--|----|----|------------------|
| L10 | 4   | gas adj3 (sens\$4 or detect\$4) near5 filament near5 (nickel or nickel adj3 alloy) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L11 | 5   | gas adj3 (sens\$4 or detect\$4) near5 filament same (nickel or nickel adj3 alloy)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L12 | 53  | 340/995.28   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L13 | 657 | 340/993  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L14 | 0   | 340/995.8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L15 | 18  | (filament or ribbon) same gas adj3 (sens\$4 or detect\$4) same (nickel or alloy)   | USPAT  | OR | ON | 2007/10/01 12:39 |
| L16 | 0   | ("2194520").URPN.  | USPAT  | OR | ON | 2007/10/01 12:39 |
| L17 | 3   | "11147400"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L18 | 0   | ("2194520").URPN.  | USPAT  | OR | ON | 2007/10/01 12:39 |

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| L19 | 88959 | gas adj3 (sens\$4 or detect\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L20 | 53137 | gas adj3 sens\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L21 | 205   | gas adj3 (sens\$4 or detect\$4) near5 filament                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L22 | 2     | 10/758825   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L23 | 18    | (filament or ribbon) same gas adj3 (sens\$4 or detect\$4) same (nickel or alloy)    | USPAT  | OR | ON | 2007/10/01 12:39 |
| L24 | 3     | gas adj3 (sens\$4 or detect\$4) near5 filament same core near5 silicon adj3 carbide | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L25 | 690   | gas adj3 (sens\$4 or detect\$4) same (nickel or nickel adj2 alloy)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |

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| L26 | 3  | gas adj3 (sens\$4 or detect\$4) near5<br>core adj3 structure near5 silicon<br>adj3 carbide | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L27 | 21 | L21 and L25  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L28 | 3  | gas adj3 (sens\$4 or detect\$4) near5<br>filament same core near5 silicon                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L29 | 9  | core adj3 structure near5 silicon<br>adj3 carbide  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L30 | 6  | gas adj3 (sens\$4 or detect\$4) near5<br>filament same silicon                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L31 | 22 | gas adj3 (sens\$4 or detect\$4) same<br>coating near5 (nickel or nickel adj2<br>alloy)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L32 | 2  | "5055266".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |

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| L33 | 2   | gas adj3 filament near5 nickel near5 copper near5 alloy                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L34 | 554 | gas adj3 (sens\$4 or detect\$4) near5 support  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L35 | 1   | gas adj3 (sens\$4 or detect\$4) near5 support near5 nickel near5 filament              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L36 | 3   | gas adj3 (sens\$4 or detect\$4) near5 support near5 filament                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L37 | 1   | gas adj3 (sens\$4 or detect\$4) same (support or standing) near5 nickel near5 filament | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L38 | 36  | (support or standing) near5 nickel near5 filament                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L39 | 1   | free adj3 standing near5 nickel near5 filament   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |

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|     |       |   |  |    |    |                  |
|-----|-------|---|--|----|----|------------------|
| L40 | 1     | gas adj3 (sens\$4 or detect\$4) near5 (support or standing) near5 nickel near5 filament | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L41 | 88959 | gas adj3 (sens\$4 or detect\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L42 | 37891 | free adj3 standing naer5 (support or standing) near5 nickel near5 filament              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L43 | 358   | L41 and L42   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L44 | 90    | L43 and nickel  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L45 | 3     | "20050193800"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L46 | 252   | cemenska  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |

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|-----|---------|---|--|----|----|------------------|
| L47 | 7997905 | cemenska and liquid fuel type                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L48 | 2       | "5460179".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L49 | 44      | (free adj3 standing or stand adj3 alone) near5 nickel | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L50 | 127592  | (free adj3 standing or stand adj3 alone)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L51 | 2       | "6265222".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L52 | 4       | "4415877".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L53 | 88959   | gas adj3 (sens\$4 or detect\$4)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |

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|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| L54 | 304468 | filament or ribbon near5 (nickel or alloy or copper or nickel-alloy)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L55 | 3      | (chang\$4 or variation) near5<br>property near5 filament same gas<br>adj3 species               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L56 | 2      | L55 and (detect\$4 or sens\$4) near5<br>(property or characteristic) near5<br>filament same gas | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L57 | 2077   | L53 and L54   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L58 | 2      | L55 and (detect\$4 or sens\$4) near5<br>(property or characteristic) near5<br>filament          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L59 | 2      | L55 and (detect\$4 or sens\$4) same<br>(propert\$4 or characteristic) near5<br>filament         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L60 | 2      | L55 and (detect\$4 or sens\$4) same<br>propert\$4 same filament                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |



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|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| L61 | 56   | (detect\$4 or sens\$4) same<br>propert\$4 same filament near5 gas | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L62 | 1018 | (detect\$4 or sens\$4) near5 gas<br>same filament                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L63 | 77   | (detect\$4 or sens\$4) near5 gas<br>same filament same propert\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L64 | 2    | "7228724".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L65 | 1    | 10/784750   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |
| L66 | 49   | L53 and L63   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 12:39 |